

mechanisms are provided which are simpler than those in known methods and arrangements.

Description of the Prior Art--.

On page 1, line 8, insert --both-- after "to".

On page 1, line 9, cancel "and the" and substitute therefor --. The--.

On page 1, line 10, insert --also-- after "purpose".

On page 1, line 11, insert --the-- after "of".

On page 1, line 19, cancel "hitherto" and substitute therefor --the--.

On page 1, line 19, insert --protocol-- after "widespread".

On page 1, line 20, cancel "both".

On page 1, line 21, cancel "given" and substitute therefor --over--.

On page 1, include the paragraph which begins on line 22 in the paragraph which ends on line 21.

On page 1, line 24, cancel "as well as" and substitute therefor --and--

On page 1, line 24, cancel "exhibits" and substitute therefor --exhibit--.

On page 1, line 25, insert a --,-- after "integrated".

On page 1, line 26, cancel "through" and substitute therefor --or--.

On page 1, line 26, insert a --,-- after "integrated".

On page 1, include the paragraph which begins on line 27 in the paragraph which ends on line 26.

On page 1, line 27, cancel "as well as" and substitute therefor --and--

On page 2, line 6, cancel "are".

On page 2, line 6, insert --are-- after "usually".

On page 2, line 8, cancel "are".

On page 2, line 8, insert --are-- after "also".

On page 2, line 9, cancel "comprise" and substitute therefor --include--.

On page 2, line 11, cancel "are" and substitute therefor --is--.

On page 2, line 11, cancel "in turn".

On page 2, line 14, insert a --,-- after "as".

On page 2, line 14, insert --unit-- after "computer".

On page 2, line 16, insert --a-- before "second".

On page 2, include the paragraph which begins on line 17 in the paragraph which ends on line 16.

On page 2, line 17, cancel "is" after "computer" and substitute therefor --may be--.

On page 2, line 17, cancel "as well as " and substitute therefor --and-

On page 2, include the paragraph which begins on line 19 in the paragraph which ends on line 18.

On page 2, line 19, cancel "realized" and substitute therefor --implemented--.

On page 2, line 19, cancel "both".

On page 2, line 21, cancel the "," and substitute therefor a --;--.

On page 2, line 21, insert a --,-- after "i.e.".

On page 2, line 22, insert --unit-- after "computer".

On page 2, line 23, cancel "computers" and substitute therefor --computer unit--.

On page 2, line 23, cancel "for".

On page 2, line 24, cancel "without further ado to".

On page 2, line 24, insert --to-- after "also".

On page 2, line 24, insert --present-- before "invention".

On page 2, line 27, cancel "units" and substitute therefor --unit,--.

On page 3, include the paragraph which begins on line 1, in the paragraph which ends on line 28 of page 2.

On page 3, line 1, insert a --,-- after "unit".

On page 3, line 2, insert a --,-- after "protocols".

On page 3, line 7, cancel the "," and substitute therefor a --;--.

On page 3, line 7, insert a --,-- after "example".

On page 3, line 8, cancel ", i.e. of" and substitute therefor a --(--.

On page 3, line 8, insert a --)-- after "unit".

On page 3, include the paragraph which begins on line 13 in the paragraph which ends on line 12.

On page 3, include the paragraph which begins on line 15 in the paragraph which ends on line 14.

On page 3, line 18, insert --a-- before "password".

On page 3, line 20, cancel the "," and substitute therefor a --(--.

On page 3, line 20, insert a --,-- after "i.e.".

On page 3, line 20, insert a --)-- after "unit".

On page 3, line 24, cancel the "," and substitute therefor a --;--.

On page 3, line 24, insert a --,-- after "example".

On page 3, line 25, cancel the "," and substitute therefor --. Such is the case--.

On page 4, line 1, insert --has-- before "no".

On page 4, line 3, insert a --,-- after "is".

On page 4, line 3, insert a --,-- after "thus".

On page 4, line 4, cancel "without further ado".

On page 4, include the paragraph which begins on line 6 in the paragraph which ends on line 5.

On page 4, line 9, insert a --,-- after "were".

On page 4, line 10, insert a --,-- after "fact".

On page 4, line 10, cancel ", in particular,".

On page 4, line 11, cancel "the fact that".

On page 4, line 11, cancel "was" and substitute therefor --being--.

On page 4, include the paragraph which begins on line 19 in the paragraph which ends on line 18.

On page 4, cancel line 22 and substitute the following centered heading therefor:

--SUMMARY OF THE INVENTION--

On page 4, line 23, insert --present-- before "invention".

On page 4, line 23, cancel "thus" and substitute therefor --, therefore,--.

On page 4, lines 23-24, cancel "methods as well as a computer system" and substitute therefor --a method and apparatus--.

On page 4, line 24, insert --the-- before "encoding".

On page 4, line 25, cancel "whereby" and substitute therefor -- wherein--.

On page 4, line 27, cancel "Given the method according to patent claim 1" and substitute therefor --Accordingly, in an embodiment of the present invention--.

On page 5, line 1, cancel "and" and substitute therefor --wherein--.

On page 5, line 4, insert --encoded-- before "message".

On page 5, line 4, cancel "according to patent claim 2" and substitute therefor --described above--.

On page 5, line 4, cancel "the" after the "," and substitute therefor -- such--.

On page 5, line 7, cancel ", and the" and substitute therefor --. The--

On page 5, line 8, insert --then-- before "decoded".

On page 5, line 10, cancel "Given the method according to patent claim 3" and substitute therefor --In a further embodiment of the method--.

On page 5, line 15, cancel "ensued" and substitute therefor --occurred--.

On page 5, include the paragraph which begins on line 26 in the paragraph which ends on line 25.

On page 5, lines 26-27, cancel "simple realizability and, thus, of fast implementability" and substitute therefor --being easily implemented--.

On page 5, line 28, cancel "may be seen therein" and substitute therefor --is--.

On page 6, line 2, cancel "substantially".

On page 6, line 3, insert --substantially-- after "enhanced".

On page 6, line 4, cancel "The" and substitute therefor --In an embodiment of the present invention, a--.

On page 6, line 4, cancel "according to patent claim 12".

On page 6, lines 5-6, cancel "method according to one of the claims 1 through 11 is" and substitute therefor --above-described methods are--.

On page 6, include the paragraph which begins on line 7 in the paragraph which ends on line 6.

On page 6, line 7, cancel "the" and substitute therefor --Such--.

On page 6, lines 7-8, cancel "according to patent claim 13 for encoding a digital message upon employment of an encoding format of a network protocol comprises" and substitute therefor --includes--.

On page 6, line 10, cancel "a first".

On page 6, line 12, cancel "a second".

On page 6, line 12, cancel "the cryptographic" and substitute therefor --cryptographically--.

On page 6, line 12, cancel "of".

On page 6, line 12, insert --and-- after the ";".

On page 6, line 13, cancel "a third".

On page 6, line 15, cancel "The" and substitute therefor --In an embodiment, the--.

On page 6, lines 15-16, cancel "according to patent claim 14 for decoding a digital message that is present in an encoding format of the network protocol comprises" and substitute therefor --also may include--.

On page 6, line 18, cancel "a fifth".

On page 6, line 20, cancel "a sixth".

On page 6, line 22, cancel "a seventh".

On page 6, line 22, cancel "the inverse cryptographic" and substitute therefor --inversely cryptographically--.

On page 6, line 22, cancel "of".

On page 6, line 24, cancel "an eighth".

On page 6, line 26, cancel "The" and substitute therefor --In another embodiment, the--.

On page 6, lines 26-28, cancel "according to patent claim 15 for encoding a digital message, for transmitting the message from a first computer unit to a second computer unit and for decoding the message contains" and substitute therefor --also may include--.

On page 6, line 29, cancel "comprises" and substitute therefor --includes--.

On page 7, line 1, cancel "a first".

On page 7, line 3, cancel "a second".

On page 7, line 3, cancel "the cryptographic" and substitute therefor --cryptographically--.

On page 7, line 3, cancel "of".

On page 7, line 4, cancel "a third".

On page 7, line 4, cancel "the" before "encoding".

On page 7, line 4, cancel "of".

On page 7, line 5, insert --and-- after the ",".

On page 7, line 6, cancel "a fourth".

On page 7, line 7, insert --and-- after the ",".

On page 7, line 8, cancel "comprises" and substitute therefor --includes--.

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On page 7, line 9, cancel "a fifth".

On page 7, line 11, cancel "a sixth".

On page 7, line 13, cancel "a seventh".

On page 7, line 13, cancel "the inverse cryptographic" and substitute therefor --inversely cryptographically--.

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On page 7, line 13, cancel "of".

On page 7, line 15, cancel "an eighth".

On page 7, line 17, insert a --,-- after "systems".

On page 7, line 17, insert a --,-- after "thus".

On page 7, line 17, cancel "likewise".

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On page 7, line 17, insert --same type of-- before "advantages".

On page 7, line 17, insert --as-- after "advantages".

On page 7, line 18, cancel "method" and substitute therefor --methods of the present invention--.

On page 7, cancel lines 19-20.

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On page 7, line 21, cancel "method" and substitute therefor --methods of the present invention--.

On page 7, line 21, cancel "especially".

On page 7, line 24, cancel "this method" and substitute therefor --such methods--.

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On page 7, line 25, cancel "method can" and substitute therefor --methods--.

On page 7, line 25, insert --can-- after "also".

On page 7, line 25, cancel "the" before "other".

On page 7, line 25, cancel the " , ".

On page 7, line 26, cancel "is".

On page 7, line 26, insert --is-- after "also".

On page 7, line 28, inset --of the present invention-- after "system".

On page 7, line 28, cancel "fashion" and substitute therefor --
5 configure--.

On page 7, line 28, cancel "second".

On page 7, line 29, cancel "cryptographic" and substitute therefor --
cryptographically--.

On page 7, line 29, cancel "of".

On page 7, line 29, cancel "third".

On page 8, line 2, cancel "fourth".

On page 8, line 4, cancel ", which" and substitute therefor --. Such
10 proxy agent--.

On page 8, line 4, cancel "first".

On page 8, line 7, cancel "realized" and substitute therefor --
15 embodied either--.

On page 8, line 7, cancel "can also be realized".

On page 8, line 9, cancel "realization" and substitute therefor --
actualization--.

On page 8, line 14, cancel "likewise".

On page 8, line 14, cancel "fifth".

On page 8, line 15, cancel "sixth".

On page 8, line 16, cancel "of" after "decoding".

On page 8, line 17, cancel "seventh".

On page 8, line 17, cancel "the inverse cryptographic" and substitute
25 therefor --inversely cryptographically--.

On page 8, line 17, cancel "of".

On page 8, line 18, cancel "realized" and substitute therefor --
embodied--.

On page 8, cancel lines 21-24 and substitute the following therefor:
--Additional features and advantages of the present invention are described in, and will be apparent from, the Detailed Description of the Preferred Embodiments and the Drawings.

DESCRIPTION OF THE DRAWINGS--.

On page 8, line 25, insert --shows-- after "Figure 1".

On page 8, line 25, cancel "wherein" and substitute therefor --of--.

On page 8, line 25, cancel "is shown".

On page 8, line 25, cancel "realization".

On page 8, line 27, insert --shows-- after "Figure 2".

On page 8, line 27, cancel "wherein" and substitute therefor --of--.

On page 8, line 27, cancel "is shown".

On page 8, line 28, cancel "realization".

On page 8, line 29, insert --shows-- after "Figure 3".

On page 8, line 29, cancel "wherein" and substitute therefor --of--.

On page 8, line 29, cancel "is shown".

On page 9, line 1, insert --shows-- after "Figure 4".

On page 9, line 3, cancel "realized" and substitute therefor --
effected--.

On page 9, line 4, insert --shows-- after "Figure 5".

On page 9, line 6, cancel "is realized" and substitute therefor --are
effected--.

On page 9, line 6, insert --and-- after the ";".

On page 9, line 7, insert --shows-- after "Figure 6".

On page 9, line 9, cancel "realized" and substitute therefor --
effected--.

On page 9, cancel line 10 and substitute the following centered
heading therefor:

--DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS--.

On page 9, line 13, cancel "comprises" and substitute therefor -- includes--.

On page 9, include the paragraph which begins on line 15 in the paragraph which ends on line 14.

On page 9, line 15, cancel "comprises" and substitute therefor -- includes--.

On page 9, line 20, cancel "ensues" and substitute therefor --occurs--.

On page 9, include the paragraph which begins on line 26 in the paragraph which ends on line 25.

On page 10, include the paragraph which begins on line 1 in the paragraph which ends on line 27 of page 9.

On page 10, line 6, cancel the "," after "method" and substitute therefor a --;--.

On page 10, line 5, insert a --,-- after "example".

On page 10, line 6, cancel "as well".

On page 10, line 7, cancel "as well".

On page 10, line 7, cancel "method".

On page 10, line 7, cancel "thereby".

On page 10, include the paragraph which begins on line 9 in the paragraph which ends on line 8.

On page 10, line 15, cancel the "," after "request" and substitute therefor a --;--.

On page 10, line 15, insert a --,-- after "i.e.".

On page 10, line 20, cancel "advantageous since" and substitute therefor --so because--.

On page 10, line 26, cancel the "," and substitute therefor a --;--.

On page 10, line 26, insert a --,-- after "i.e.".

On page 11, line 3, cancel the "-" after "response" and substitute therefor a --,--.

On page 11, line 3, cancel the "-" after "standards" and substitute therefor a --,--.

On page 11, line 5, insert --a-- before "reply".

On page 11, line 8, cancel "i.e." and substitute therefor --or--.

On page 11, line 24, cancel the "," after "message" and substitute therefor a --;--.

On page 11, line 24, insert a --,-- after "i.e.".

On page 11, line 27, cancel "particular" and substitute therefor -- particulars--.

On page 11, line 27, insert a --,-- after "is" and before "in".

On page 11, line 27, insert a --,-- after "fact".

On page 12, line 6, insert --a-- before "reply".

On page 12, line 10, insert --either-- before "can".

On page 12, line 10, cancel "either".

On page 12, line 29, cancel the "," and substitute therefor a --;--.

On page 13, line 1, insert a --,-- after "i.e.".

On page 13, line 13, cancel the "," and substitute therefor a --;--.

On page 13, line 13, insert a --,-- after "i.e.".

On page 13, line 20, cancel "i.e." and substitute therefor --or--.

On page 13, line 24, cancel "contained in the get response".

On page 14, line 4, cancel "Net" and substitute therefor -- **Next**--.

On page 14, line 7, cancel the "," after "modified" and substitute therefor --and--.

On page 14, line 12, cancel "fashioned" and substitute therefor -- arranged--.

On page 15, line 5, cancel the "," after "decoded" and substitute therefor a --;--.

On page 15, line 5, insert a --,-- after "i.e.".

On page 15, line 22, cancel "as well as" and substitute therefor -- and--.

On page 15, line 23, insert --respectively-- before "correspond".

On page 15, line 23, cancel "as well as to" and substitute therefor -- and--.

On page 16, line 1, insert --contain-- after "can".

On page 16, line 2, cancel "contain".

On page 17, line 9, insert --a-- before "bit".

On page 17, line 13, cancel the "," and substitute therefor a --;--.

On page 17, line 15, cancel "The" and substitute therefor --Thus, the-

On page 17, line 15, cancel "thus".

On page 17, line 16, insert --a-- after "as".

On page 17, line 18, cancel "then,".

On page 17, line 19, cancel the "," and substitute therefor a --;--.

On page 17, line 19, insert a --,-- after "i.e.".

On page 18, line 2, cancel "example" and substitute therefor -- instance--.

On page 18, line 2, cancel the "," after "303" and substitute therefor a --;--.

On page 18, line 2, insert a --,-- after "example".

On page 18, line 22, cancel the "," and substitute therefor a -- - --.

On page 18, line 25, insert a --,-- after "can".

On page 18, line 25, insert a --,-- after "thereby".

On page 18, line 28, cancel the "," and substitute therefor a --;--.

On page 18, line 28, insert a --,-- after "example".

On page 19, line 1, cancel "The realization" and substitute therefor --Further--.

On page 19, line 9, cancel ", as" and substitute therefor --. As--.

On page 19, line 9, insert a --,-- after "result".

On page 19, line 9, cancel "whereof".

On page 19, line 21, cancel "comprising" and substitute therefor --
including--.

On page 19, line 23, cancel the "," and substitute therefor a --;--.

On page 19, line 24, cancel the "," and substitute therefor a --;--.

On page 19, line 25, cancel the "," and substitute therefor --; or--.

On page 20, line 3, cancel "comprise" and substitute therefor --
include--.

On page 20, line 4, cancel the "," and substitute therefor a --;--.

On page 20, line 5, cancel the "," and substitute therefor a --;--.

On page 20, line 6, cancel the "," and substitute therefor --; or--.

On page 20, line 17, cancel "comprises" and substitute therefor a --
includes--.

On page 20, line 22, cancel "ensue" and substitute therefor --occur--.

On page 20, line 24, cancel "can".

On page 20, line 24, insert --can-- after "again".

On page 21, line 3, cancel "very advantageously".

On page 21, line 4, insert --quite advantageously-- after "employed".

On page 21, line 7, insert --both-- before "the method".

On page 21, line 7, cancel "as well as" and substitute therefor --and--

On page 21, line 8, cancel "advantageously".

On page 21, line 8, cancel "for controlling" and substitute therefor --
to control--.

On page 21, lines 8-9, cancel "for accounting" and substitute therefor
--to account--.